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Inventors: TZENG TSUNG-YI (TW); BU JENG-WEI (TW);
SHIU JR-HAU (TW); SHIE JIU-JEN (TW)

Applicant: INST INFORMATION INDUSTRY (TW)

TITLE OF THE INVENTION: INFORMATION TRANSMISSION
INTERMEDIATION AND AGENT SYSTEM

Claims

1. An information transmission intermediation and agent system for receiving information which is sent from a transmitter via a wire network or a wireless network and which is transmitted by a request of the transmitter, and then forwarding the information to be transmitted to a receiver based on selecting conditions requested by the transmitter, wherein said information transmission intermediation and agent system comprising:

front agent means for receiving the selecting conditions on the receiver set up by the transmitter and the information which the transmitter desires to transmit, and when necessary, performing a proper format conversion on the information which the transmitter desires to transmit, and dispatching to a

proper information transmission agent device (IDA) the selecting conditions on the receiver set up by the transmitter and the format converted or non-converted information which the transmitter desires to transmit; and.

a plurality of the information transmission agent devices (IDA), including receiver database for, when having received the dispatch from the front agent means, selecting a proper receiver from the receiver database based on the selecting conditions on the receiver so as to set up a receiver list to dispatch the format converted or non-converted information which the transmitter desires to transmit to the receiver in the receiver list via the wire or wireless network.

2. The information transmission intermediation and agent system according to claim 1, wherein the information which the transmitter desires to transmit can be in a format of e-mail, facsimile, paging, mobile message, text file, HTML.

3. The information transmission intermediation and agent system according to claim 1, wherein at least two information transmission agent device in the plurality of the information transmission agent devices (IDA) are homogenous, i.e. they have identical receiver databases and identical searching rules so that when information is dispatched to the homogenous information transmission agent devices, current load on the homogenous information transmission agent devices will be taken into account by the front agent means.

4. The information transmission intermediation and agent system according to claim 1, there are a plurality of the proper information transmission agent devices.

5. A method for an information transmission intermediation and agent for a structure including front agent means and a plurality of information transmission agent devices, comprising:

step A: receiving, by the front agent means, the selecting conditions on the receiver set up by the transmitter and the information which the transmitter desires to transmit, and when necessary, performing proper format conversion on the information which the transmitter desires to transmit;

step B: dispatching, by the front agent means, to a proper information transmission agent device (IDA) the selecting conditions on the receiver set up by the transmitter and the format converted or non-converted information which the transmitter desires to transmit;

step C: when having received the dispatch from the front agent means by the information transmission agent device, selecting a proper receiver from the receiver's database based on the selecting conditions on the receiver so as to set up a receiver list; and

step D: dispatching, by the information transmission agent device, the format converted or non-converted information which the transmitter desires to transmit to the

receiver in the receiver list via the wire or wireless network.

6. The method for an information transmission intermediation and agent according to claim 5, wherein the format of the information which is desired to be transmitted will be taken into account by the front agent means when information is dispatched to the proper information transmission agent devices in the step (B).

7. The method for an information transmission intermediation and agent according to claim 5, wherein the load on the information transmission agent device will be taken into account by the front agent means when information is dispatched to the proper information transmission agent devices in the step (B).